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Index to recent Literature relating to American Botany

- Bartholomew, E.** The Kansas Uredineae. Proc. Kansas Acad. Sci. **16**: 168-196. 1899.
List of 154 species with hosts, host index and copious notes on distribution.
- Bicknell, E. P.** Studies in *Sisyrinchium*—V. Two new eastern species.
Sisyrinchium arenicola and *S. intermedium*.
- Biffen, R. H.** A Fat-destroying Fungus. Ann. Bot. **13**: 363-376. *pl.* 19. S. 1899.
- Bogue, E. E.** Botanizing in Oklahoma. Asa Gray Bull. **7**: 91-93. O. 1899.
- Boodle, L. A.** On some Points in the Anatomy of the Ophioglossae. Ann. Bot. **13**: 377-394. *pl.* 20. S. 1899.
- Borge, O.** Ueber tropische und sub-tropische Süßwasser-chlorophyceen. Bihang K. Sv. Vet.-Akad. Handl. **24**¹²: 1-33. *pl.* 1, 2. 1899.
New species in *Oedogonium*, *Pleurotaenium*, *Xanthidium*, *Cosmarium*, *Euastrum*, and *Stauroastrum* from South America and the West Indies.
- Carleton, M. A.** Cereal Rusts of the United States: A physiological Investigation. Bull. U. S. Dept. Agric. (Div. Veg. Path.) **16**: 1-73. *pl.* 1-4. 27 S. 1899.
- Celakousky, L. J.** Ueber achtzählige Cyklen pentamer veranlagter Blüthen. Jahrb. wiss. Bot. **33**: 368-416. *pl.* 4. 1899.
- Chesnut, V. K.** Preliminary Catalogue of Plants Poisonous to Stock. Ann. Rep. Bureau Animal Ind. for 1898: 387-420. *f.* 38-69. 1899.
- Clements, F. E.** Contributions to the Histogenesis of the Caryophyllales I. Trans. Am. Microscop. Soc. **20**: 97-160. *pl.* 8-25. 1899.
Discusses histology of species of *Dianthus*, *Silene*, *Portulaca*, *Allionia*, *Amarantus*, *Beta*, *Chenopodium* and *Phytolacca*.
- Clute, W. N.** *Dryopteris simulata* in New York State. Fern Bull. **7**: 91, 92. O. 1899.
- Coulter, J. M.** Plant Relations, a first Book of Botany. 12mo. i-x, 1-264. *f.* 1-206. New York. 1899.
- Cook, O. F.** Four Categories of Species. Am. Nat. **33**: 287-297. Ap. 1899.

- Cook, O. F.** On biological Text-books and Teachers. Science, II. 9: 541-545. 14 Ap. 1899.
- Cook, O. F.** Stability in generic Nomenclature. Science, II. 8: 186-190. 12 Au. 1898.
- Cook, O. F.** The Method of Types. Science, II. 8: 513-516. 14 O. 1898.
- Davenport, G. E.** *Lycopodium alopecuroides*. Fern Bull. 7: 97. O. 1899.
- Eaton, A. A.** The genus *Equisetum* with reference to the North American Species. Fourth Paper. Fern Bull. 7: 85-88. O. 1899.
- Ferriss, J. H.** The Tennessee Locality for the Hart's-tongue Fern. Fern Bull. 7: 98, 99. O. 1899.
- Fritsch, K.** Ueber einige während der ersten Regnell'schen Expedition gesammelte Gamopetalen. Bihang K. Sv. Vet. Akad. Handl. 24⁵: 1-28. *pl.* 1898.
New species in *Scoparia*, *Drymonia* and *Ruellia*.
- G[rou], A. J.** Key to the *Mniums* of Northeastern North America. Fern Bull. 7: 105-107. O. 1899.
- Groom, P.** On the Fusion of Nuclei among Plants: A Hypothesis. Trans. Bot. Soc. Edinb. 21: 132-144. 1899.
- Ganong, W. F.** The Teaching Botanist. 12mo. i-xi, 1-270. *f.* 1-29. New York, 1899.
- Hill, R. T.** Notes on the Forest Conditions of Porto Rico. Bull. U. S. Depart. Agric. (Div. Forestry), 25: 1-48. *pl.* 1-8. 1899.
- Harshberger, J. W.** Thermotropic movement of the Leaves of *Rhododendron maximum* L. Proc. Acad. Nat. Sci. Phila. 1899: 219-224. 1899.
- Holzinger, J. M.** Some additional Notes on the Methods of microscopic Examination of Mosses. Fern Bull. 7: 107-109. O. 1899.
- Holm, T.** Studies in the Cyperaceae.—X., XI. Am. Jour. Sci.—7: 435-450. *f.* 1-14. Je. 1899; 8: 105-110. *f.* 1-7. Au. 1899.
Anatomy of *Fimbristylis* and abnormal development of *Carex stipata*.
- Hitchcock, A. S.** List of Plants in my Florida Herbarium. Trans. Kansas Acad. Sci. 16: 108-157. 1899.
List of 1,256 species.
- Jaderholm, E.** Anatomiska Studier öfver Sydamerikanska Peperomier. 8vo. 1-97. *pl.* 1, 2. Upsala. 1898.

- Kellerman, W. A.** Distribution of the Rue Spleenwort in Ohio. Fern Bull. 7: 96. O. 1899.
- Knowlton, F. H.** Fossil Flora of the Yellowstone National Park. Monog. U. S. Geol. Surv. 32: 651-791. *pl.* 77-121. 1899.
Describes 82 new species.
- Kuntze, O.** The Advantages of 1737 as a Starting Point of Botanical Nomenclature. Bull. Torr. Bot. Club, 26: 488-492. 22 S. 1899.
- Luther, A.** Ueber *Chlorosaccus*, eine neue Gattung der Süßwasser-algen, nebst einigen Bemerkungen zur Systematik verwandter Algen. Bihang K. Sv. Vet.-Akad. Handl. 24¹³: 1-22. *pl.* 1899.
Chlorosaccus fluidus n. gen. et sp.
- Leisering, B.** Ueber die Korkbildung bei den Chenopodiaceen. Ber. Deutsch. Bot. Ges. 17: 243-255. *pl.* 20. 27 Au. 1899.
- Lindman, C. A. M.** Leguminosae Austro-Americanae ex itinere Regnelliano primo. Bihang K. Sv. Vet.-Akad. Handl. 24⁷: 1-60. *f.* 1-13. 1898.
New species in *Camptosema*, *Phaseolus*, *Machaerium*, *Conblandia*, *Bauhinia*, *Mimosa* and *Pithecolobium*.
- MacBride, T. H.** The North American Slime Moulds. 8vo. i-xviii, 1-231. *pl.* 1-18. New York. 1899.
- Macoun, . M.** Contributions to Canadian Botany. Part XIII. Ottawa Nat. 13: 158-169. O. 1899.
- Malme, G. O.** Ex herbario Regnelliano. Adjumenta ad floram Phanerogamicam Brasiliae terrarumque adjacentium cognoscendam, II. Apocynaceae. Bihang K. Sv. Vet.-Akad. Handl. 24¹⁰: 1-37. *pl.* 1-3. 1899.
New species in *Apidosperma*, *Rauwolfia*, *Prestonia* and *Haemadictyon*.
- Malme, G. O.** Xyridaceae Brasilienses precipue Goyazenses a Glaziou lectae. Bihang K. Sv. Vet.-Akad. Handl. 24³: 1-20. *pl.* 1898.
- Malme, G. O.** Ex herbario Regnelliano. Adjumenta ad floram phanerogamicam Brasiliae terrarumque adjacentium cognoscendam, I. Bihang K. Sv. Vet.-Akad. Handl. 24⁶: 1-30. 1898.
- Maxon, W. R.** Some Variations in the Adder's-tongue. Fern Bull. 7: 90, 91. O. 1899.
- Meehan, T.** *Asclepias tuberosa*. Meehan's Month. 9: 145, 146. *pl.* 10. O. 1899.
- Meehan, T.** *Bidens connata*. Meehan's Month. 9: 97, 98. *pl.* 7. Jl. 1899.

- Meehan, T.** *Solidago stricta*. Meehan's Month. 9: 113, 114. *pl.* 8. Au. 1899.
- Mottier, D. M.** The Effect of centrifugal Force upon the Cell. Ann. Bot. 13: 325-362. *pl.* 18. S. 1899.
- Miller, G. S., Jr.** The Dogbanes of the District of Columbia. Proc. Biol. Soc. Washington, 13: 79-90. *pl.* 2. 28 S. 1898.
A. speciosum, *A. urceolifer* and *A. nemorale*, new species.
- Nelson, A.** New Plants from Wyoming.—X. Bull. Torr. Bot. Club, 26: 480-487. 22 S. 1899.
New species and varieties in *Potentilla*, *Castilleja*, *Oonopsis*, *Petradoria*, *Tetradymia*, *Senecio*, *Tanacetum*, *Artemisia*, *Malacothrix*, *Lactuca* and *Crepis*.
- Norton, J. B. S.** A Bibliography of Literature relating to the effects of Wind on Plants. Trans. Kansas Acad. Sci. 16: 103-105. 1899.
- Palmer, W.** Ferns of the Dismal Swamp, Virginia. Proc. Biol. Soc. Washington, 13: 61-70. *pl.* 1. 28 S. 1899.
Dryopteris Goldieana celsa var. nov.
- Pilger, R.** Gramineae Lehmannianae et Stubelianae Austro-Americanae additis quibusdam ab aliis collectoribus ibi collectis determinatae et descriptae. Engler. Bot. Jahrb. 27: 17-36. 7 Ap. 1899.
- Pinchot, G.** A Primer of Forestry. Part I.—The Forest. Bull. U. S. Dept. Agric. (Div. Forestry), 24: 1-88. *pl.* 1-47. *f.* 1-83. 1899.
- Pollard, C. L.** Notes on some South Florida Ferns. Fern Bull. 7: 88-90. O. 1899.
- Richards, H. M.** The Effect of chemical Irritation on the economic Coefficient of Sugar. Bull. Torr. Bot. Club, 26: 463-473. 22 S. 1899.
- Robertson, R. A.** On abnormal Conjugation in *Spirogyra*. Trans. Bot. Soc. Edinb. 21: 185-191. *pl.* 1899.
- Rotherth, W.** Ueber parenchymatische Tracheiden und Harz gänge in Mark von Cephalotaxus-arten. Ber. Deutsch. Bot. Ges. 17: 275-290. *pl.* 21. 27 Au. 1899.
- Rothrock, J. T.** White Birch. American White Birch. Gray Birch (*Betula populifolia*). Forest Leaves, 7: 72, 73. O. 1899. [Illus't.]
- Sayre, L. E.** Therapeutical Notes and Descriptions of Parts of Medicinal Plants growing in Kansas. Trans. Kansas Acad. Sci. 16: 85-88. 1899.

- Schwabach, E.** Zur Kenntniss der Harzabscheidungen in Coniferennadeln. Ber. Deutsch. Bot. Ges. **17**: 291-302. *pl.* 22. 27 Au. 1899.
- Shear, C. L.** Some common autumnal Species of edible Fungi. Asa Gray Bull. **7**: 93-95. O. 1899.
- Smyth, B. B.** Floral Horologe for Kansas. Trans. Kansas Acad. Sci. **16**: 106-108. *pl.* 9. 1899.
- Smyth, B. B.** Additions to the Flora of Kansas. Trans. Kansas Acad. Sci. **16**: 158-167. 1899.
Includes 235 additions to the State Flora, including 45 fungi with new species in *Phyllosticta*, *Phoma*, *Dothiorella*, *Sphaeropsis*, *Hoplosporella* (4), *Diplodia*, *Hendersonia*, *Stagonospora*, *Camarosporium* and *Cladotrichum* by Ellis and Bartholomew.
- Soave, M.** Sulla funzione fisiologica dell'acido cianidrico nelle piante. Esperienze sulla germinazione delle Mandorle amare e dolci. Nuovo Giorn. Bot. Ital. II. **6**: 219-238. Ap. 1899.
- Spegazzini, C.** Nova addenda ad Floram Patagonicam. Anales Soc. Cien. Arg. **48**: 44-59. Jl. 1899.
New species in *Oenothera*, *Pterocactus*, *Tetragoria*, *Azorella* and *Mulinum*.
- Stansfield, F. W.** On the Production of Apospory by Environment in *Athyrium filix-foemina* var. *unco-glomeratum*, an apparently barren Fern. Jour. Linn. Soc. **34**: 262-268. 1 Jl. 1899.
- Sterling, E. B.** Toadstools. 1-10. *pl.* Federalburg, Md. Au. 1899.
- Stone, G. E.** Flora of Lake Quinsigamond [Mass.]. 1 Jl. 1899.
- Tracy, S. M., & Earle, F. S.** New Fungi from Mississippi. Bull. Torr. Bot. Club, **26**: 493-495. 22 S. 1899.
New species in *Aecidium*, *Ustilago*, *Cerebella*, *Coniosporium* and *Cercospora*; *Diplodina quercuum* nom. nov. (= *Sphaerellopsis quercuum* Cke).
- Trelease, W.** Alvin Wentworth Chapman. Am. Nat. **33**: 643-646. Au. 1899. [Illust.]
- True, R. H., & Hunkel, C. G.** The poisonous Effects Exerted on Living Plants by Phenols. Bot. Centralb. **76**: 289-295, 321-327. No. 11.
- Thom, C.** The Process of Fertilization in *Aspidium* and *Adiantum*. Trans. Acad. Sci. St. Louis, **9**: 285-314. *pl.* 36. 4 Au. 1899.
- Uline, E. B.** Studies in the Herbarium, I. *Higinbothamia*, a new Genus and other new Dioscoreaceae. New Amaranthaceae. Field Columb. Mus. Bot. **1**: 413-422, *pl.* 22-24. Au. 1899.
New species in *Higinbothamia* nov. gen., *Dioscorea*, *Alternanthera* and *Iresine*.

- Underwood, L. M.** Moulds, Mildews and Mushrooms. A Guide to the systematic Study of the Fungi and Mycetoza and their Literature. 12mo. i-vi, 1-236. *pl.* 1-9, and colored frontispiece. New York. S. 1899.
- Underwood, L. M.** *Asplenium ebenoides*—a Correction. Fern Bull. 7: 95, 96. O. 1899.
- Underwood, L. M.** The Royal Botanic Gardens at Kew. Science, II. 10: 65-75. 21 Jl. 1899.
- Ule, E.** Die Verbreitung der Torf-moose und Moore in Brasilien. Bot. Jahrb. Engler, 27: 238-240. 7 Ap. 1899; 241-258. 15 S. 1899.
- Vail, A. M.** Studies in the Asclepiadaceae—IV. Bull. Torr. Bot. Club, 26: 423-431. 17 Au. 1899.
Notes on type specimens in *Asclepias*, *Gonolobus* and *Mellichampia*. *Asclepias parvula* (A. Gray), *Stelmagonium Holtoni*, *Mellichampia ligulata* (Benth.), *Gonolobus volubilis* (Turcz.), *Vincetoxicum Floridanum*, *V. crenatum*, *V. Greggii*, *V. acuminatum* (A. Gray), and *V. productum* (Torr.), new species and names.
- Vidal, L.** Sur le placenta des Primulacées. Jour. de Bot. 13: 139-146. My. 1899.
- Vilmorin, H. L. de.** Selection and its Effects on cultivated Plants. Exper. Station Record, 11: 3-19. 1899.
- Vries, H. de.** On Biastrepis in its Relation to Cultivation. Ann. Bot. 13: 395-420. S. 1899.
- Wagner, R.** Eine neue *Carludovica*. Allg. Bot. Zeit. 1899: 137, 138. 15 S. 1899.
Carludovica Goebelii Weiss et Wagner, from Venezuela.
- Wainio, A.** Lichenes novi rarioresque. Hedwigia (Beiblatt), 38: (121)-(125). 26 Je. 1899.
New species in *Usnea*, *Parmelia*, *Anzia*, *Cladonia* and *Coenogonium* from Bogota.
- Waters, C. E.** Fern Stems. Fern Bull. 7: 92-94. O. 1899.
- Weber-van Bosse, A.** Note sur quelques algues rapportées par le yacht "Chazalic." Jour. de Bot. 13: 133-135. My. 1899.
- West, W. & G. S.** A further Contribution to the Fresh-water Algae of the West Indies. Jour. Linn. Soc. 34: 279-295. 1 Jl. 1899.
- West, G. S.** On Variation in the *Desmidiaceae* and its Bearings on their Classification. Jour. Linn. Soc. 34: 366-416. *pl.* 8-11. 1 Jl. 1899.
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